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Applicant: **HITACHI METALS, LTD.**  
**1-2, Marunouchi 2-chome**  
**Chiyoda-ku, Tokyo 100 (JP)**

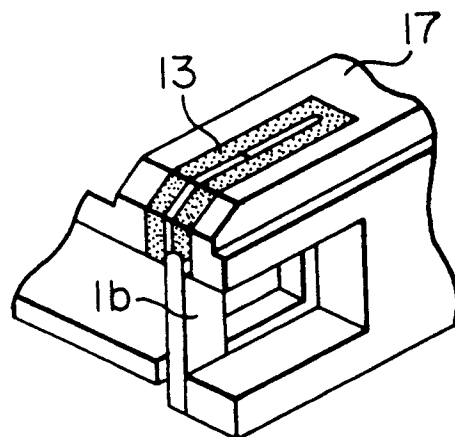
Inventor: **Kondo, Keiichi**  
**Shinhoryo, 6 Oyadaimachi**  
**Mooka-shi (JP)**  
Inventor: **Yamazaki, Masanobu**  
**Shinhoryo, 6 Oyadaimachi**  
**Mooka-shi (JP)**  
Inventor: **Goto, Ryo**  
**215-2, Kamikomagi**  
**Mooka-shi (JP)**  
Inventor: **Toyoda, Manabu**  
**3460-8, Kumakuracho**  
**Mooka-shi (JP)**

Representative: **Butler, Michael John et al**  
**FRANK B. DEHN & CO. Imperial House 15-19**  
**Kingsway**  
**London, WC2B 6UZ (GB)**

**54 Floating magnetic head and method of production thereof.**

**57** The head comprises a slider (14a), having an air bearing surface, made of a non-magnetic substance, a magnetic head core (1a) which is formed of a pair of magnetic cores having a magnetic gap, or a pair of magnetic cores having a magnetic gap on a butting surface of which is formed a magnetic metallic thin film, and is fixed by bonding glass (13) to a groove (15) provided in a flow-out end of the air bearing of the slider (14a), excitation coils wound in a window section of the head core (1a), and a front gap surface side of the magnetic head core being placed on the side opposite to the magnetic recording medium. There is substantially no step difference between a rear surface of the magnetic head core (1a) on a back gap surface thereof and a surface at least in the vicinity of a periphery of a groove (15) on a rear surface of the slider (14a) to which the magnetic head core (1a) is fixed.

**FIG. 1D**



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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	EP-A-0 324 378 (SANYO ELECTRIC CO. LTD.) * column 7, line 6 - column 8, line 3; figures 1,11,13B *	1	G11B5/60 G11B5/105
A	--- PATENT ABSTRACTS OF JAPAN vol. 12, no. 220 (P-720)23 June 1988 & JP-A-63 016 412 ( SEIKO EPSON CORP. ) 23 January 1988 * the whole document *	1,2,6,9, 10	
A	--- EP-A-0 326 140 (HITACHI METALS LTD.) * page 3, line 10 - line 16 * * page 5, line 29 - line 52 * * figures 1,4 *	1,5,6	
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			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			G11B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 30 MARCH 1992	Examiner SCHIWY G. J.
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	

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